

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/015126

A. CLASSIFICATION OF SUBJECT MATTER
Int.C1⁷ H04L12/58, G06F13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.C1⁷ H04L12/58, G06F13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004

Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| P, A | JP 2003-338849 A (NEC Corp.), 28 November, 2003 (28.11.03), Full text; Figs. 2 to 10 (Family: none) | 1-17 |
| A | JP 2002-73475 A (Sanyo Electric Co., Ltd.), 12 March, 2002 (12.03.02), Claim 3; Par. Nos. [0033] to [0036]; Full text (Family: none) | 1-17 |
| A | JP 11-161574 A (Lucent Technologies Inc.), 18 June, 1999 (18.06.99), Par. Nos. [0007] to [0017], [0026] to [0038]; all drawings & EP 899918 A2 & CA 2245293 A1 & US 6591291 B1 | 1-17 |

 Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search
05 November, 2004 (05.11.04)Date of mailing of the international search report
22 November, 2004 (22.11.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 2003-134166 A (NEC Nexsolutions, Ltd.), 09 May, 2003 (09.05.03), Full text; all drawings (Family: none) | 1-17 |
| A | JP 2002-261837 A (Yasuyuki FUKUNAGA), 13 September, 2002 (13.09.02), Full text; all drawings (Family: none) | 1-17 |